

FIG. 1

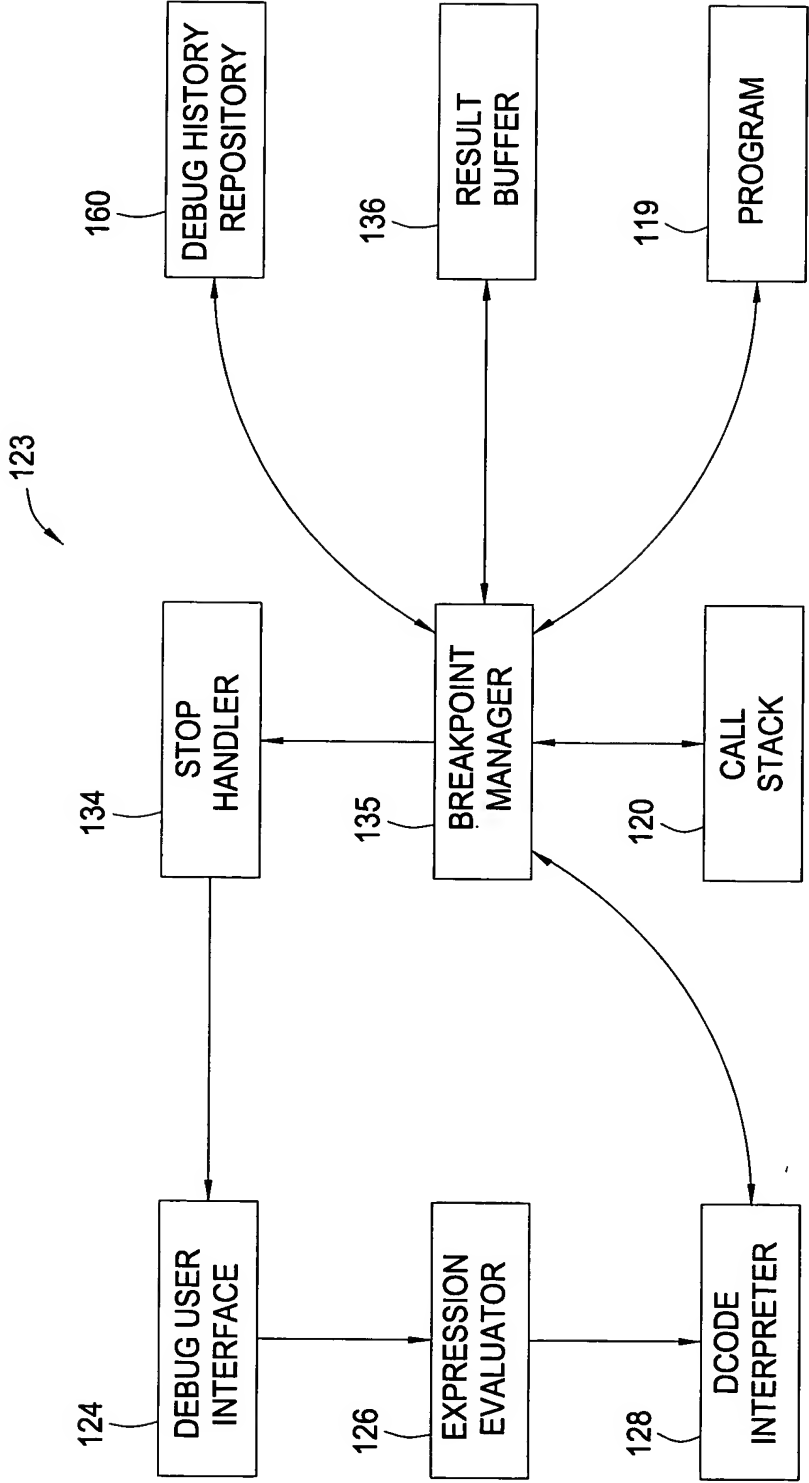


FIG. 2

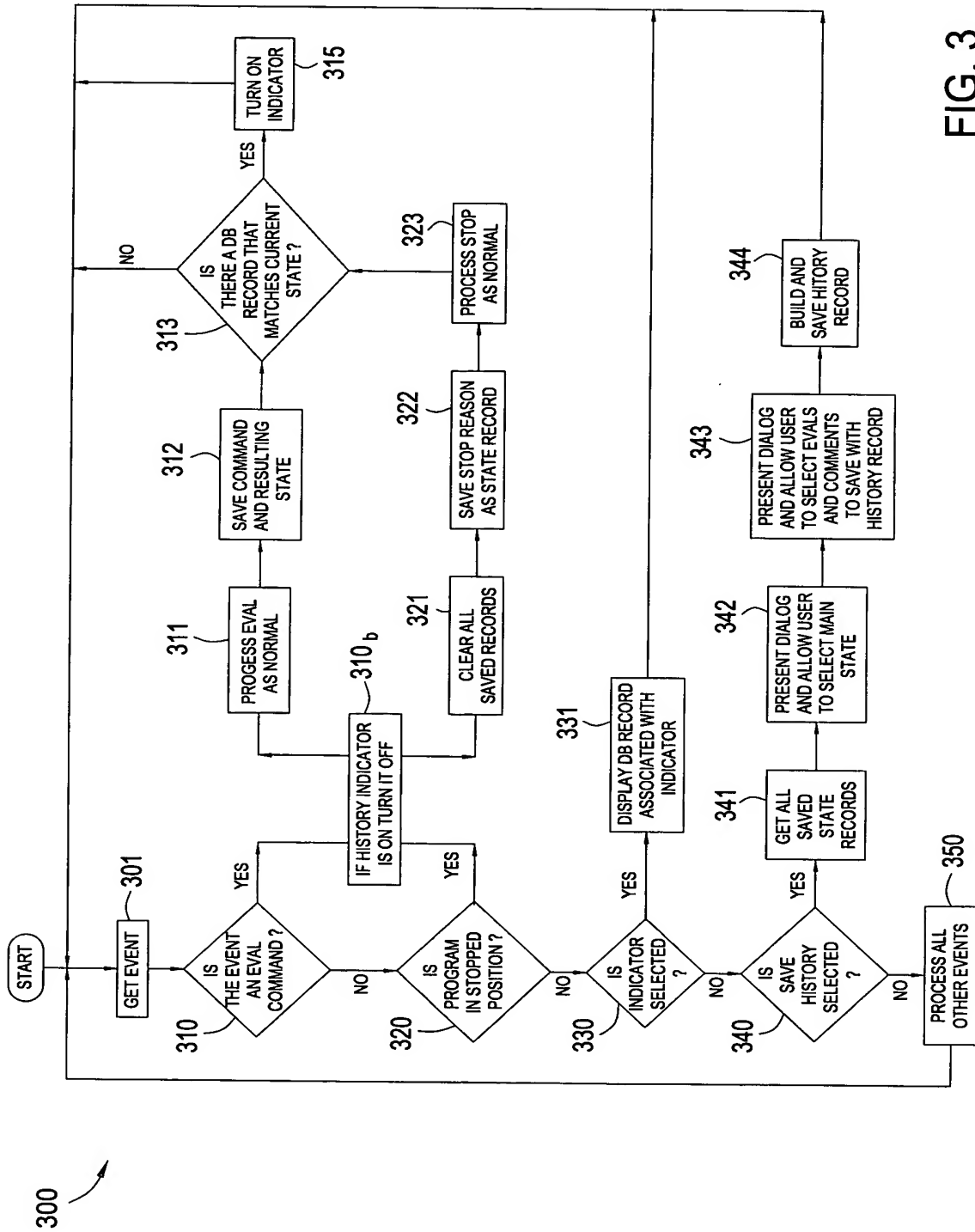


FIG. 3

FIG. 4A

dirhash. c

```
int get_file_size( char *n, Hash_Table Hash )
{
    int i, j, key;
    Hash_Rec *ptr;
    key = 0;
    i = 0;
    while( n[i] != 0 )
    {
        key = key + (int) (n[i]);
        i++;
    }
    j = key % 101;
    while( ptr != 0 )
    {
        if ( strcmp ( ptr -> name, n ) == 0 ) return ( ptr -> size );
        ptr = ptr -> next;
    }
    return -1;
}

ERROR: POINTER NOT SET ~402
      EVAL PTR  ~> NEXT
      ~~~~~ ADD HISTORY ~403
```

FIG. 4B

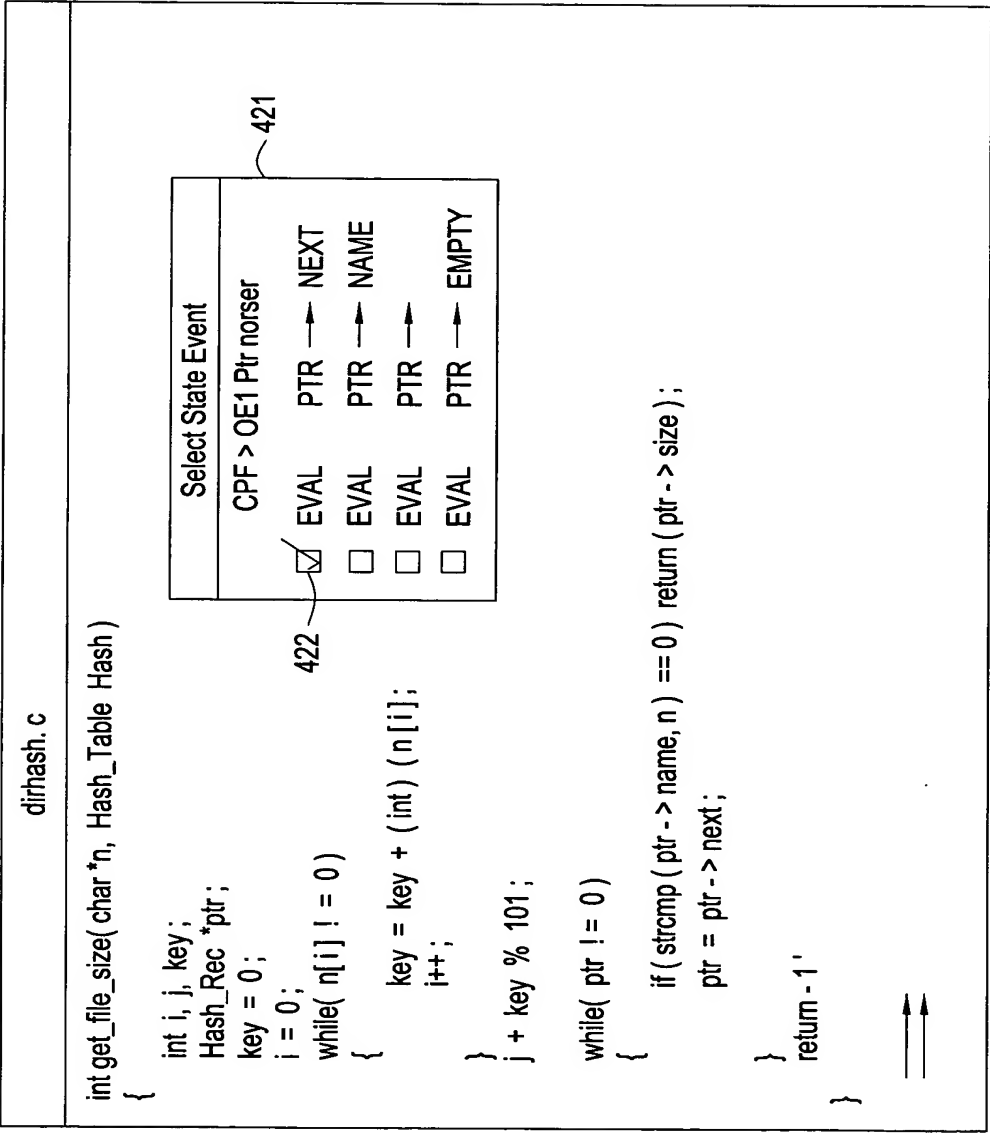
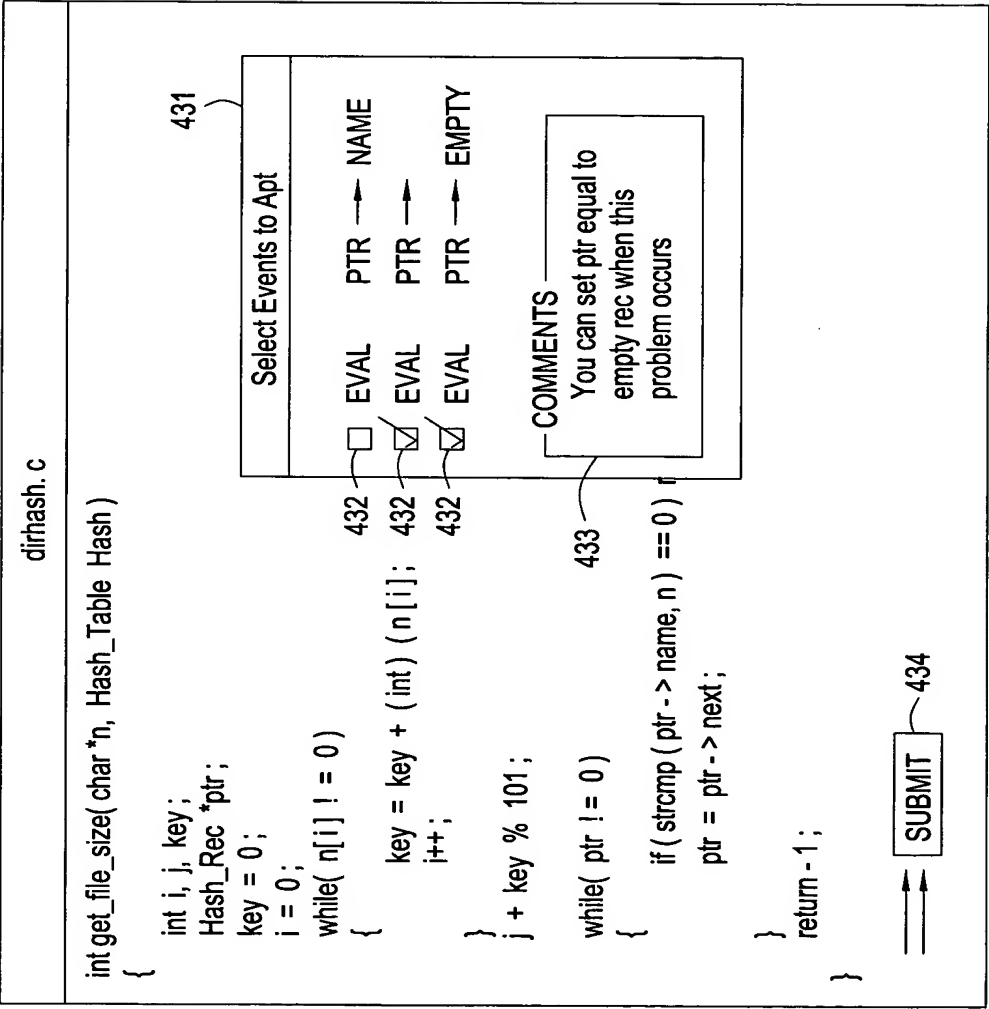


FIG. 4C



HIRRARY DB

441

RECORD

PGM :            DIR HASH AKE

MODULE :        DIR HASH

LINE :           17

STATE TYPE :   POINTER NOT SET ON EQUAL

VARIABLE :     PTR → NEXT

DATA :

EVAL   PTR

EVAL   PTR = EMPTY REC

YOU CAN SET PTR EQUAL TO  
EMPTY REC WHEN THIS  
PROBLEM OCCURS

COMMIT

CANCEL

442

443

FIG. 4D

FIG. 4E

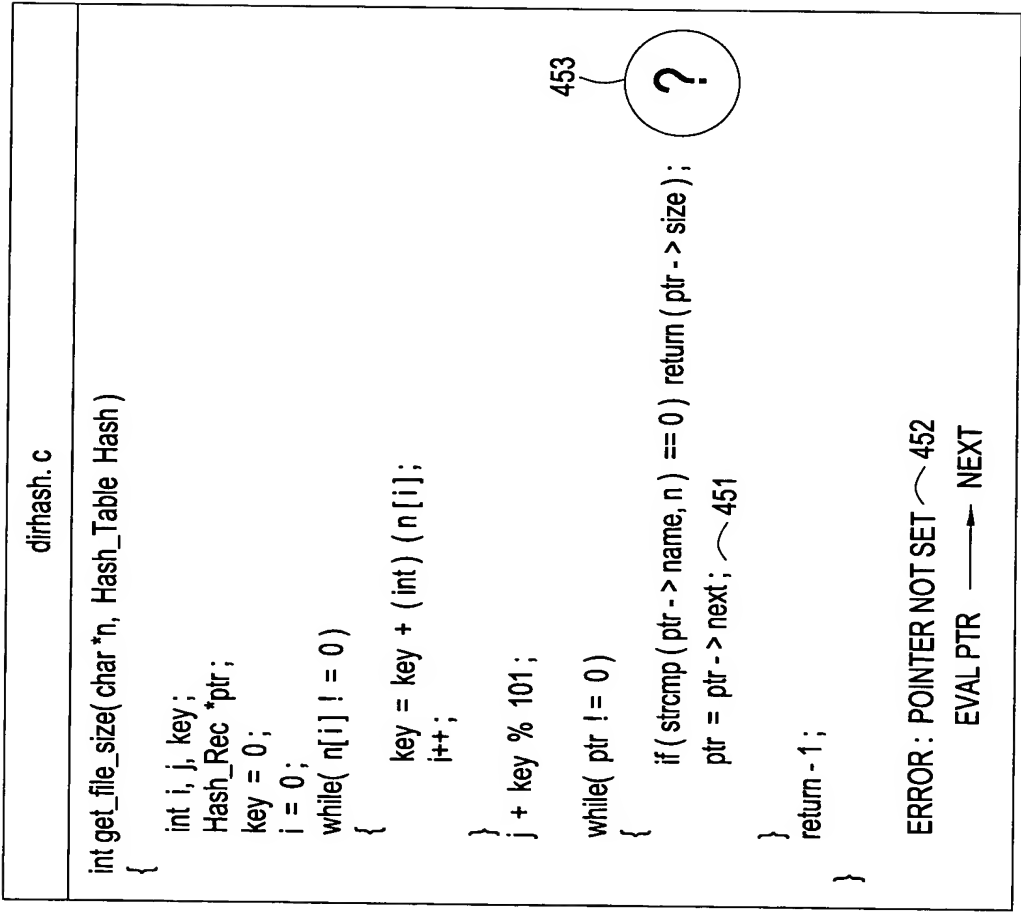




FIG. 4F

